

Amendments to the Specification

Please replace the paragraph running from line 28 on page 5 through line 6 on page 6 with the following paragraph:

Alternatively, the light sources 10 and 15 can be switched at a rate that is slower than the video frame rate, so that several successive frames are illuminated by each source. The pixel differences between successive frames will be detectably larger when the light source changes. From this, the system can estimate a change frequency and periodically correct it as in a phase locked loop. This approach trades software complexity for the advantage of not having to synchronize the sources in hardware. Another approach is to use polarizing filters 12 on the light sources so that the light sources do not have to be alternately illuminated and to use LCD shutters or other methods of variable polarization to analyze the image.